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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<table>
<tr><td rowspan="2">Office Action Summary</td><td>Application No.
09/995,292</td><td>Applicant(s)
BUINEVICIUS ET AL.</td></tr>
<tr><td>Examiner
MIRANDA LE</td><td>Art Unit
2169</td></tr>
</table>

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>04 June 2008</u>.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1,2,4,6-14,16,18-23,25 and 31-33</u> is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-2, 4, 6-14, 16, 18-23, 25, 31-33</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All   b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)
2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3)☐ Information Disclosure Statement(s) (PTO/SB/08)
     Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
     Paper No(s)/Mail Date. _____ .
5)☐ Notice of Informal Patent Application
6)☐ Other: _____.

DETAILED ACTION

This communication is responsive to Amendment, filed 06/04/08.

Claims 1-2, 4, 6-14, 16, 18-23, 25, 31-33 are pending in this application.
This action is made Final.

The rejection of claims 14-20 by 35 U.S.C. §101 has been withdrawn in
view of the amendment.

The objection to the specification of the invention has been withdrawn in
view of the amendment.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for
all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described
> as set forth in section 102 of this title, if the differences between the subject matter sought to
> be patented and the prior art are such that the subject matter as a whole would have been
> obvious at the time the invention was made to a person having ordinary skill in the art to which
> said subject matter pertains. Patentability shall not be negatived by the manner in which the
> invention was made.

This application currently names joint inventors. In considering

patentability of the claims under 35 U.S.C. 103(a), the examiner presumes

that the subject matter of the various claims was commonly owned at the time

any inventions covered therein were made absent any evidence to the

contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point

out the inventor and invention dates of each claim that was not commonly

owned at the time a later invention was made in order for the examiner to

consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claims 1, 2, 4, 6-14, 16, 18-23, 25, 31-33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lee (US Patent No. 6,947,578), in view of Mindrum (US Patent No. 6,340,978), and Lee (US Patent No. 6,947,578), and further in view of Yap et al. (US Patent No. 6,111,506).

As per claim 1, Lee teach a security checking method of capturing *(i.e. These and other objects are attained in accordance with the present invention by the subject identification data capture system for capturing identification data pertaining to a subject, col. 3, line 55 to col. 4, line 20)*, analyzing, and accessing disparate types and sources of media, biometric, and database information, the method comprising:

capturing one or more of media *(i.e. the system includes at least three image capture devices, each having a photo-capture portion. The image capture devices in that embodiment are disposed in spaced manner one relative to the others to respectively render a front and a pair of opposing side views of the subject. Preferably, each photo-capture portion includes a digital camera operable to generate a graphic representation of the subject in electronic form, col. 3, line 55 to col. 4, line 20)*, biometric *(i.e. The auxiliary data capture device operates to capture at least one predetermined biometric parameter pertaining to the subject. In one preferred embodiment, the subject system includes at least one auxiliary data capture device selected from the group consisting of: a weight sensor, a height sensor, a fingerprint digitizer, a handwriting sample capturing*

electronic writing pad, and a document scanner, col. 3, line 55 to col. 4, line 20),

and database information *(i.e. In addition to or in place of this informational field*

1156a, one or more other informational fields 1156b, 1156c may be employed to

provide such information as the country and jurisdictional details pertaining to the

given record, or biographic and other personal data/history pertaining to the

given subject, col. 10, lines 38-52) associated with an individual *(i.e. In addition*

to or in place of this informational field 1156a, one or more other informational

fields 1156b, 1156c may be employed to provide such information as the country

and jurisdictional details pertaining to the given record, or biographic and other

personal data/history pertaining to the given subject, col. 10, lines 38-52);

including timing information with the captured media, biometric, and

database information associated with an individual *(i.e. the current time/day/date,*

*col. 9, lines 32-51),*wherein the timing information includes when the media,

biometric, and database information is captured *(i.e. Program component 600*

includes suitable software which executes to generate a graphic user interface

1150 displayable for viewing on monitor 115. Program component 600 also

includes data and informational overlays which present as part of the graphic

user interface 1150 certain logos and other predetermined graphic features, as

well as certain predetermined textual information such as the State and Country

of the given jurisdiction and the current time/day/date. The data/informational

overlays are displayed in graphic user interface 1150 with the image and

auxiliary data captured by components 300 and 400 of system 10, col. 9, lines

32-51);

processing the media, biometric, and database information to extract,

analyze *(i.e. An illustrative example of a graphic user interface 1150 is shown in*

FIG. 8A. While the present invention is not limited to the graphic and textual

layout shown in FIG. 8A, use of a standardized layout and format would facilitate

the sharing of subjects' records amongst different offices, agencies, or

jurisdictions. Electronic storage at one site of subjects' identification records in a

format such as that shown in FIG. 8A which is recognizable to other remotely

disposed facilities greatly simplifies the exchange of records with those facilities,

col. 10, lines 8-17);

arranging the digital information associated with the plurality of individuals

in a relational database *(i.e. An illustrative example of a graphic user interface*

1150 is shown in FIG. 8A. While the present invention is not limited to the graphic

and textual layout shown in FIG. 8A, use of a standardized layout and format

would facilitate the sharing of subjects' records amongst different offices,

agencies, or jurisdictions. Electronic storage at one site of subjects' identification

records in a format such as that shown in FIG. 8A which is recognizable to other

remotely disposed facilities greatly simplifies the exchange of records with those

facilities, col. 10, lines 8-17);

the user interface is configured to retrieve, view, manage, compare, and

annotate the captured information and analysis *(i.e. An illustrative example of a*

graphic user interface 1150 is shown in FIG. 8A. While the present invention is

not limited to the graphic and textual layout shown in FIG. 8A, use of a

standardized layout and format would facilitate the sharing of subjects' records

amongst different offices, agencies, or jurisdictions. Electronic storage at one site

of subjects' identification records in a format such as that shown in FIG. 8A which

is recognizable to other remotely disposed facilities greatly simplifies the

exchange of records with those facilities, col. 10, lines 8-17).

Lee does not specifically teach:

wherein at least some of the media, biometric, and database information

are captured at a security entry point;

cross-matching multiple factors of the individual with at least some of the

plurality of individuals in the relational database to confirm the individual's

identity.

Yap teaches:

capturing one or more of media, biometric, and database information

associated with an individual, wherein at least some of the media, biometric, and

database information <u>are captured at a security entry point</u> *(i.e. Before issuing a*

boarding pass or checking luggage, the ticket agent may first verify the identity of

the passenger by making sure that the biometrics information stored on the

improved security identification document matches that of the passenger.

Accordingly, the ticket agent asks the passenger to interface with the suitable

biometrics data input device, such as a facial capture device, a palm scanner,

fingerprint scanner, retina scanner, voice pattern processor scanner or other

suitable biometrics data input device. Using the biometrics data input device and

the identification document interface device, the ticket agent checks to see if the

biometrics information stored on the improved security identification document

matches biometrics information input by the passenger to the biometrics data

input device, col. 8, lines 40-65);

cross-matching multiple factors of the individual with at least some of the

plurality of individuals in the relational database to confirm the individual's identity

(i.e. The operation of a preferred embodiment of an improved security system is

as follows. An improved security identification document of a person or object

attempting to gain access to a secured area such as a border, an airport

boarding gate or a secured building interfaces with the improved security

identification document interface device so that the information stored on the

improved security identification document is accessible At the same time,

biometrics data from the person is input or scanned by a suitable biometrics

recording device such as a camera for scanning a face, retina, ear, etc. or a palm

or finger print scanner described above or any other suitable biometrics data

input device. Then, the comparison device in the interface device compares all of

the input data and transmits signals to an indicator to send a message or other

signal for indicating whether the biometrics data input by the person via the

biometrics data input device matches the data stored on the improved security

identification document, col. 8, lines 1-17).

It would have been obvious to one of ordinary skill of the art having the

teaching of Lee and Yap at the time the invention was made to modify the

system of Lee to include the limitations as taught by Yap. One of ordinary skill in

the art would be motivated to make this combination in order to efficiently

indicate whether the biometrics data input by the person via the biometrics data

input device matches the data stored on the improved security identification

document in view of Yap (col. 8, lines 1-17), as doing so would give the added

benefit of achieving an improved airport security system as taught by Yap (col. 8,

lines 25-39).

Lee and Yap do not explicitly teach:

individual to create a multi-modal chronological dossier of the individual;

sort through digital information associated with a plurality of individuals;

selectively presenting a storyboard in user interface, and wherein the

storyboard comprises a plurality of chronologically-arranged facial images of the

individual captured at different times to reflect the individual's changes in

appearance over time as part of the multi-modal chronological dossier of the

individual.

Mindrum teaches:

including timing information *(i.e. The selection option 73 provides historical*

information unrelated to the individual for a selected time period on the timeline

bar 68. For instance, user could compare recordations associated with a selected

date against historical events at that date, col. 6, lines 47-64) with the captured

media, biometric, and database information *(i.e. recording and presenting the life*

story of an individual, col. 1, lines 20-23) <u>associated with an individual to create a</u>

<u>multi-modal chronological dossier of the individual</u> *(i.e. chronological history and*

background of a life--complete with pictures, important documents, completed

personal information questionnaires, audio and video clips, and other

information, col. 3, lines 25-37, See Fig. 15), wherein the timing information

includes when the media, biometric, and database information is captured *(i.e.*

FIG. 5 illustrates a graphical user interface 60 for accessing information about

the individual, which can be displayed in a multitude of situations, such as during

a funeral, at the cemetery, on-line as a tribute, obituary, or biography, etc. The

screen 61 has a variety of selection options for the user to view and access the

data. Selection options can take a variety of forms including buttons, mouse

selections, keyboard selections, menu items, touch screens, voice commands,

and the like. The screen 61 includes a list of relatives 62 associated with the

individual. Preferably, the list 62 is arranged in a hierarchial display to graphically

show the relationship of each relative in the list 62, col. 6, lines 5-23);

processing the media, biometric, and database information to extract,

analyze and sort through digital information associated with a plurality of

individuals *(i.e. chronological history and background of a life--complete with*

pictures, important documents, completed personal information questionnaires,

audio and video clips, and other information, col. 3, lines 25-37, See Fig. 15);

arranging the digital information associated with the plurality of individuals

in a relational database *(i.e. chronological history and background of a life--*

complete with pictures, important documents, completed personal information

questionnaires, audio and video clips, and other information, col. 3, lines 25-37,

See Fig. 15);

selectively presenting a storyboard in user interface, wherein the user

interface is configured to retrieve, view, manage, compare *(i.e. The selection*

option 73 provides historical information unrelated to the individual for a selected

time period on the timeline bar 68. For instance, user could compare

recordations associated with a selected date against historical events at that

date, col. 6, lines 47-64), and annotate the captured information and analysis *(i.e.*

FIG. 5 illustrates a graphical user interface 60 for accessing information about

the individual, which can be displayed in a multitude of situations, such as during

a funeral, at the cemetery, on-line as a tribute, obituary, or biography, etc. The

screen 61 has a variety of selection options for the user to view and access the

data. Selection options can take a variety of forms including buttons, mouse

selections, keyboard selections, menu items, touch screens, voice commands,

and the like. The screen 61 includes a list of relatives 62 associated with the

individual. Preferably, the list 62 is arranged in a hierarchial display to graphically

show the relationship of each relative in the list 62, col. 6, lines 5-23), and

wherein the storyboard comprises a plurality of chronologically-arranged facial

images of the individual captured at different times to reflect the individual's

changes in appearance over time as part of the multi-modal chronological

dossier of the individual *(i.e. chronological history and background of a life--*

complete with pictures, important documents, completed personal information

questionnaires, audio and video clips, and other information, col. 3, lines 25-37,

See Fig. 15)

It would have been obvious to one of ordinary skill of the art having the

teaching of Lee, Yap, Mindrum at the time the invention was made to modify the

system of Lee, Yap to include the limitations as taught by Mindrum. One of

ordinary skill in the art would be motivated to make this combination in order to

record and present the life story of an individual in view of Mindrum (col. 1, lines

20-23), as doing so would give the added benefit of easily and readily accessing

information about the individual as taught by Mindrum (col. 6, lines 5-23).

As per claim 14, Lee teaches a system for capturing *(i.e. These and other*

objects are attained in accordance with the present invention by the subject

identification data capture system for capturing identification data pertaining to a

subject, col. 3, line 55 to col. 4, line 20), analyzing, managing, and accessing

disparate types and sources of media, biometric, and database information, the

system comprising:

one or more devices configured to capture one or more of media *(i.e. the*

system includes at least three image capture devices, each having a photo-

capture portion. The image capture devices in that embodiment are disposed in

spaced manner one relative to the others to respectively render a front and a pair

of opposing side views of the subject. Preferably, each photo-capture portion

includes a digital camera operable to generate a graphic representation of the

subject in electronic form, col. 3, line 55 to col. 4, line 20), biometric *(i.e. The*

auxiliary data capture device operates to capture at least one predetermined

biometric parameter pertaining to the subject. In one preferred embodiment, the

subject system includes at least one auxiliary data capture device selected from

the group consisting of: a weight sensor, a height sensor, a fingerprint digitizer, a

handwriting sample capturing electronic writing pad, and a document scanner,

col. 3, line 55 to col. 4, line 20), and database information *(i.e. In addition to or in*

place of this informational field 1156a, one or more other informational fields

1156b, 1156c may be employed to provide such information as the country and

jurisdictional details pertaining to the given record, or biographic and other

personal data/history pertaining to the given subject, col. 10, lines 38-52)

associated with an individual *(i.e. In addition to or in place of this informational*

field 1156a, one or more other informational fields 1156b, 1156c may be

employed to provide such information as the country and jurisdictional details

pertaining to the given record, or biographic and other personal data/history

pertaining to the given subject, col. 10, lines 38-52), wherein the captured media,

biometric, and database information associated with the individual, together with

timing information *(i.e. the current time/day/date, col. 9, lines 32-51)*, wherein the

timing information includes when the media, biometric, and database information

is captured *(i.e. Program component 600 includes suitable software which*

executes to generate a graphic user interface 1150 displayable for viewing on

monitor 115. Program component 600 also includes data and informational

overlays which present as part of the graphic user interface 1150 certain logos

and other predetermined graphic features, as well as certain predetermined

textual information such as the State and Country of the given jurisdiction and the

current time/day/date. The data/informational overlays are displayed in graphic

user interface 1150 with the image and auxiliary data captured by components

300 and 400 of system 10, col. 9, lines 32-51);

a processor configured to process media, biometric, and database

information to extract, analyze *(i.e. An illustrative example of a graphic user*

interface 1150 is shown in FIG. 8A. While the present invention is not limited to

the graphic and textual layout shown in FIG. 8A, use of a standardized layout

and format would facilitate the sharing of subjects' records amongst different

offices, agencies, or jurisdictions. Electronic storage at one site of subjects'

identification records in a format such as that shown in FIG. 8A which is

recognizable to other remotely disposed facilities greatly simplifies the exchange

of records with those facilities, col. 10, lines 8-17), and to arrange the digital

information associated with the plurality of individuals in a relational database

(i.e. An illustrative example of a graphic user interface 1150 is shown in FIG. 8A.

While the present invention is not limited to the graphic and textual layout shown

in FIG. 8A, use of a standardized layout and format would facilitate the sharing of

subjects' records amongst different offices, agencies, or jurisdictions. Electronic

storage at one site of subjects' identification records in a format such as that

shown in FIG. 8A which is recognizable to other remotely disposed facilities

greatly simplifies the exchange of records with those facilities, col. 10, lines 8-

17); and

a computer readable medium storing a software program thereon,

wherein the software program is configured to generate a user interface to

retrieve, view, manage, compare, and annotate the captured information and

analysis *(i.e. An illustrative example of a graphic user interface 1150 is shown in*

FIG. 8A. While the present invention is not limited to the graphic and textual

layout shown in FIG. 8A, use of a standardized layout and format would facilitate

the sharing of subjects' records amongst different offices, agencies, or

jurisdictions. Electronic storage at one site of subjects' identification records in a

format such as that shown in FIG. 8A which is recognizable to other remotely

disposed facilities greatly simplifies the exchange of records with those facilities,

col. 10, lines 8-17).

Lee does not specifically teach:

wherein at least some of the media, biometric, and database information

are captured at a security entry point;

wherein the system is configured to cross-match multiple factors of the

individual with at least some of the plurality of individuals in the relational

database to confirm the individual's identity.

Yap teaches:

one or more devices configured to capture one or more of media,

biometric, and database information associated with an individual, wherein at

least some of the media, biometric, and database information are captured at a

security entry point *(i.e. Before issuing a boarding pass or checking luggage, the*

ticket agent may first verify the identity of the passenger by making sure that the

biometrics information stored on the improved security identification document

matches that of the passenger. Accordingly, the ticket agent asks the passenger

to interface with the suitable biometrics data input device, such as a facial

capture device, a palm scanner, fingerprint scanner, retina scanner, voice pattern

processor scanner or other suitable biometrics data input device. Using the

biometrics data input device and the identification document interface device, the

ticket agent checks to see if the biometrics information stored on the improved

security identification document matches biometrics information input by the

passenger to the biometrics data input device, col. 8, lines 40-65);

wherein the system is configured to cross-match multiple factors of the

individual with at least some of the plurality of individuals in the relational

database to confirm the individual's identity*(i.e. The operation of a preferred*

embodiment of an improved security system is as follows. An improved security

identification document of a person or object attempting to gain access to a

secured area such as a border, an airport boarding gate or a secured building

interfaces with the improved security identification document interface device so

that the information stored on the improved security identification document is

accessible At the same time, biometrics data from the person is input or scanned

by a suitable biometrics recording device such as a camera for scanning a face,

retina, ear, etc. or a palm or finger print scanner described above or any other

suitable biometrics data input device. Then, the comparison device in the

interface device compares all of the input data and transmits signals to an

indicator to send a message or other signal for indicating whether the biometrics

data input by the person via the biometrics data input device matches the data

stored on the improved security identification document, col. 8, lines 1-17).

It would have been obvious to one of ordinary skill of the art having the

teaching of Lee and Yap at the time the invention was made to modify the

system of Lee to include the limitations as taught by Yap. One of ordinary skill in

the art would be motivated to make this combination in order to efficiently

indicate whether the biometrics data input by the person via the biometrics data

input device matches the data stored on the improved security identification

document in view of Yap (col. 8, lines 1-17), as doing so would give the added

benefit of achieving an improved airport security system as taught by Yap (col. 8,

lines 25-39).

Lee and Yap do not teach:

included in a multi-modal chronological dossier of the individual;

sort through digital information associated with a plurality of individuals;

wherein the user interface is configured to selectively presenting a

storyboard, and wherein the storyboard comprises a plurality of chronological-

arranged facial images of the individual captured at different times to reflect the

individual's changes in appearance over time as part of the multi-modal

chronological dossier of the individual.

Mindrum teaches:

the captured media, biometric, and database information *(i.e. recording*

and presenting the life story of an individual, col. 1, lines 20-23) associated with

the individual, together with timing information *(i.e. The selection option 73*

provides historical information unrelated to the individual for a selected time

period on the timeline bar 68. For instance, user could compare recordations

associated with a selected date against historical events at that date, col. 6, lines

47-64), are included in a multi-modal chronological dossier of the individual *(i.e.*

chronological history and background of a life--complete with pictures, important

documents, completed personal information questionnaires, audio and video

clips, and other information, col. 3, lines 25-37, See Fig. 15), wherein the timing

information includes when the media, biometric, and database information is

captured *(i.e. FIG. 5 illustrates a graphical user interface 60 for accessing*

information about the individual, which can be displayed in a multitude of

situations, such as during a funeral, at the cemetery, on-line as a tribute,

obituary, or biography, etc. The screen 61 has a variety of selection options for

the user to view and access the data. Selection options can take a variety of

forms including buttons, mouse selections, keyboard selections, menu items,

touch screens, voice commands, and the like. The screen 61 includes a list of

relatives 62 associated with the individual. Preferably, the list 62 is arranged in a

hierarchial display to graphically show the relationship of each relative in the list

62, col. 6, lines 5-23);

a processor configured to process media, biometric, and database

information to extract, analyze and sort through digital information associated

with a plurality of individuals, and to arrange the digital information associated

with the plurality of individuals in a relational database *(i.e. chronological history*

and background of a life--complete with pictures, important documents,

completed personal information questionnaires, audio and video clips, and other

information, col. 3, lines 25-37, See Fig. 15);

wherein the software program is configured to generate a user interface to

retrieve, view, manage, compare, and annotate the captured information and

analysis *(i.e. The selection option 73 provides historical information unrelated to*

the individual for a selected time period on the timeline bar 68. For instance, user

could compare recordations associated with a selected date against historical

events at that date, col. 6, lines 47-64), wherein the user interface is configured

to selectively presenting a storyboard *(i.e. FIG. 5 illustrates a graphical user*

interface 60 for accessing information about the individual, which can be

displayed in a multitude of situations, such as during a funeral, at the cemetery,

on-line as a tribute, obituary, or biography, etc. The screen 61 has a variety of

selection options for the user to view and access the data. Selection options can

take a variety of forms including buttons, mouse selections, keyboard selections,

menu items, touch screens, voice commands, and the like. The screen 61

includes a list of relatives 62 associated with the individual. Preferably, the list 62

is arranged in a hierarchial display to graphically show the relationship of each

relative in the list 62, col. 6, lines 5-23), and wherein the storyboard comprises a

plurality of chronological-arranged facial images of the individual captured at

different times to reflect the individual's changes in appearance over time as part

of the multi-modal chronological dossier of the individual *(i.e. chronological*

history and background of a life--complete with pictures, important documents,

completed personal information questionnaires, audio and video clips, and other

information, col. 3, lines 25-37, See Fig. 15)

It would have been obvious to one of ordinary skill of the art having the

teaching of Lee, Yap, Mindrum at the time the invention was made to modify the

system of Lee, Yap to include the limitations as taught by Mindrum. One of

ordinary skill in the art would be motivated to make this combination in order to

record and present the life story of an individual in view of Mindrum (col. 1, lines

20-23), as doing so would give the added benefit of readily and easily accessing

information about the individual as taught by Mindrum (col. 6, lines 5-23).

As per claim 21, Lee teaches a processing system comprising:

a central processing unit (CPU) *(See Fig. 7); and*

a storage device *(See Fig. 7)* coupled to the CPU and having information

stored therein for configuring the CPU to:

access media *(i.e. the system includes at least three image capture*

devices, each having a photo-capture portion. The image capture devices in that

embodiment are disposed in spaced manner one relative to the others to

respectively render a front and a pair of opposing side views of the subject.

Preferably, each photo-capture portion includes a digital camera operable to

generate a graphic representation of the subject in electronic form, col. 3, line 55

to col. 4, line 20), biometric *(i.e. The auxiliary data capture device operates to*

capture at least one predetermined biometric parameter pertaining to the subject.

In one preferred embodiment, the subject system includes at least one auxiliary

data capture device selected from the group consisting of: a weight sensor, a

height sensor, a fingerprint digitizer, a handwriting sample capturing electronic

writing pad, and a document scanner, col. 3, line 55 to col. 4, line 20), and

database information *(i.e. In addition to or in place of this informational field*

1156a, one or more other informational fields 1156b, 1156c may be employed to

provide such information as the country and jurisdictional details pertaining to the

given record, or biographic and other personal data/history pertaining to the

given subject, col. 10, lines 38-52) associated with an individual *(i.e. In addition*

to or in place of this informational field 1156a, one or more other informational

fields 1156b, 1156c may be employed to provide such information as the country

and jurisdictional details pertaining to the given record, or biographic and other

personal data/history pertaining to the given subject, col. 10, lines 38-52);

associate timing information of capturing to the media, biometric, and

database information associated with the individual to form a history of captured

information including the timing information of when the media, biometric and

database information are captured *(i.e. Program component 600 includes*

suitable software which executes to generate a graphic user interface 1150

displayable for viewing on monitor 115. Program component 600 also includes

data and informational overlays which present as part of the graphic user

interface 1150 certain logos and other predetermined graphic features, as well as

certain predetermined textual information such as the State and Country of the

given jurisdiction and the current time/day/date. The data/informational overlays

are displayed in graphic user interface 1150 with the image and auxiliary data

captured by components 300 and 400 of system 10, col. 9, lines 32-51);

process the media, biometric, and database information to extract,

analyze *(i.e. An illustrative example of a graphic user interface 1150 is shown in*

FIG. 8A. While the present invention is not limited to the graphic and textual

layout shown in FIG. 8A, use of a standardized layout and format would facilitate

the sharing of subjects' records amongst different offices, agencies, or

jurisdictions. Electronic storage at one site of subjects' identification records in a

format such as that shown in FIG. 8A which is recognizable to other remotely

disposed facilities greatly simplifies the exchange of records with those facilities,

col. 10, lines 8-17);

arrange the digital information associated with the plurality of individuals in

a relational database *(i.e. An illustrative example of a graphic user interface 1150*

is shown in FIG. 8A. While the present invention is not limited to the graphic and

textual layout shown in FIG. 8A, use of a standardized layout and format would

facilitate the sharing of subjects' records amongst different offices, agencies, or

jurisdictions. Electronic storage at one site of subjects' identification records in a

format such as that shown in FIG. 8A which is recognizable to other remotely

disposed facilities greatly simplifies the exchange of records with those facilities,

col. 10, lines 8-17);

providing a user interface that can be configured to retrieve, view,

manage, compare, and analysis *(i.e. An illustrative example of a graphic user*

interface 1150 is shown in FIG. 8A. While the present invention is not limited to

the graphic and textual layout shown in FIG. 8A, use of a standardized layout

and format would facilitate the sharing of subjects' records amongst different

offices, agencies, or jurisdictions. Electronic storage at one site of subjects'

identification records in a format such as that shown in FIG. 8A which is

recognizable to other remotely disposed facilities greatly simplifies the exchange

of records with those facilities, col. 10, lines 8-17);

Lee does not specifically teach:

wherein at least some of the media, biometric, and database information

are captured at a security entry point;

cross-match multiple factors of the individual with multiple factors of at least some of the plurality of individuals in the relational database to confirm the individual's identity.

Yap teaches:

access media, biometric, and database information associated with an individual, wherein at least some of the media, biometric, and database information are captured at a security entry point *(i.e. Before issuing a boarding pass or checking luggage, the ticket agent may first verify the identity of the passenger by making sure that the biometrics information stored on the improved security identification document matches that of the passenger. Accordingly, the ticket agent asks the passenger to interface with the suitable biometrics data input device, such as a facial capture device, a palm scanner, fingerprint scanner, retina scanner, voice pattern processor scanner or other suitable biometrics data input device. Using the biometrics data input device and the identification document interface device, the ticket agent checks to see if the biometrics information stored on the improved security identification document matches biometrics information input by the passenger to the biometrics data input device, col. 8, lines 40-65)*;

cross-match multiple factors of the individual with multiple factors of at least some of the plurality of individuals in the relational database to confirm the individual's identity *(i.e. The operation of a preferred embodiment of an improved security system is as follows. An improved security identification document of a person or object attempting to gain access to a secured area such as a border,*

an airport boarding gate or a secured building interfaces with the improved

security identification document interface device so that the information stored on

the improved security identification document is accessible At the same time,

biometrics data from the person is input or scanned by a suitable biometrics

recording device such as a camera for scanning a face, retina, ear, etc. or a palm

or finger print scanner described above or any other suitable biometrics data

input device. Then, the comparison device in the interface device compares all of

the input data and transmits signals to an indicator to send a message or other

signal for indicating whether the biometrics data input by the person via the

biometrics data input device matches the data stored on the improved security

identification document, col. 8, lines 1-17).

It would have been obvious to one of ordinary skill of the art having the

teaching of Lee and Yap at the time the invention was made to modify the

system of Lee to include the limitations as taught by Yap. One of ordinary skill in

the art would be motivated to make this combination in order to efficiently

indicate whether the biometrics data input by the person via the biometrics data

input device matches the data stored on the improved security identification

document in view of Yap (col. 8, lines 1-17), as doing so would give the added

benefit of achieving an improved airport security system as taught by Yap (col. 8,

lines 25-39).

Lee and Yap do not explicitly teach:

sort through digital information associated with a plurality of individuals;

selectively present a storyboard in user interface, wherein the storyboard

comprises a plurality of chronological-arranged facial images of the individual

captured at different times to reflect the individual's changes in appearance over

time as part of the multi-modal chronological dossier of the individual; and

Mindrum teaches:

process the media, biometric, and database information to extract,

analyze and sort *(i.e. The selection option 73 provides historical information*

unrelated to the individual for a selected time period on the timeline bar 68. For

instance, user could compare recordations associated with a selected date

against historical events at that date, col. 6, lines 47-64) through digital

information associated with a plurality of individuals *(i.e. chronological history and*

background of a life--complete with pictures, important documents, completed

personal information questionnaires, audio and video clips, and other

information, col. 3, lines 25-37, See Fig. 15);

selectively present a storyboard in user interface *(i.e. FIG. 5 illustrates a*

graphical user interface 60 for accessing information about the individual, which

can be displayed in a multitude of situations, such as during a funeral, at the

cemetery, on-line as a tribute, obituary, or biography, etc. The screen 61 has a

variety of selection options for the user to view and access the data. Selection

options can take a variety of forms including buttons, mouse selections, keyboard

selections, menu items, touch screens, voice commands, and the like. The

screen 61 includes a list of relatives 62 associated with the individual. Preferably,

the list 62 is arranged in a hierarchial display to graphically show the relationship

of each relative in the list 62, col. 6, lines 5-23), wherein the storyboard

comprises a plurality of chronological-arranged facial images of the individual

captured at different times to reflect the individual's changes in appearance over

time as part of the multi-modal chronological dossier of the individual *(i.e.*

chronological history and background of a life--complete with pictures, important

documents, completed personal information questionnaires, audio and video

clips, and other information, col. 3, lines 25-37, See Fig. 15).

It would have been obvious to one of ordinary skill of the art having the

teaching of Lee, Yap, Mindrum at the time the invention was made to modify the

system of Lee, Yap to include the limitations as taught by Mindrum. One of

ordinary skill in the art would be motivated to make this combination in order to

record and present the life story of an individual in view of Mindrum (col. 1, lines

20-23), as doing so would give the added benefit of easily and readily accessing

information about the individual as taught by Mindrum (col. 6, lines 5-23).

As per claim 2, Yap teaches the media, biometric, and database

information includes at least one of a facial image, voice audio, or fingerprint *(i.e.*

Before issuing a boarding pass or checking luggage, the ticket agent may first

verify the identity of the passenger by making sure that the biometrics information

stored on the improved security identification document matches that of the

passenger. Accordingly, the ticket agent asks the passenger to interface with the

suitable biometrics data input device, such as a facial capture device, a palm

scanner, fingerprint scanner, retina scanner, voice pattern processor scanner or

other suitable biometrics data input device. Using the biometrics data input

device and the identification document interface device, the ticket agent checks

to see if the biometrics information stored on the improved security identification

document matches biometrics information input by the passenger to the

biometrics data input device, col. 8, lines 40-65).

As to claims 4, 16, Mindrum teaches the storyboard further comprises an

abstract including intelligent portions of various captures of media, biometric, and

database associated with the individual *(i.e. FIG. 5 illustrates a graphical user*

interface 60 for accessing information about the individual, which can be

displayed in a multitude of situations, such as during a funeral, at the cemetery,

on-line as a tribute, obituary, or biography, etc. The screen 61 has a variety of

selection options for the user to view and access the data. Selection options can

take a variety of forms including buttons, mouse selections, keyboard selections,

menu items, touch screens, voice commands, and the like. The screen 61

includes a list of relatives 62 associated with the individual. Preferably, the list 62

is arranged in a hierarchial display to graphically show the relationship of each

relative in the list 62, col. 6, lines 5-23).

As to claims 6, 18, Mindrum teaches the selective presentation of the

storyboard in the user interface is in response to a search query *(i.e. FIG. 5*

illustrates a graphical user interface 60 for accessing information about the

individual, which can be displayed in a multitude of situations, such as during a

funeral, at the cemetery, on-line as a tribute, obituary, or biography, etc. The

screen 61 has a variety of selection options for the user to view and access the

data. Selection options can take a variety of forms including buttons, mouse

selections, keyboard selections, menu items, touch screens, voice commands,

and the like. The screen 61 includes a list of relatives 62 associated with the

individual. Preferably, the list 62 is arranged in a hierarchial display to graphically

show the relationship of each relative in the list 62, col. 6, lines 5-23).

As to claims 7, 19, Mindrum teaches providing conducting a user-defined

search among digital information associated with the plurality of individuals *(i.e.*

FIG. 5 illustrates a graphical user interface 60 for accessing information about

the individual, which can be displayed in a multitude of situations, such as during

a funeral, at the cemetery, on-line as a tribute, obituary, or biography, etc. The

screen 61 has a variety of selection options for the user to view and access the

data. Selection options can take a variety of forms including buttons, mouse

selections, keyboard selections, menu items, touch screens, voice commands,

and the like. The screen 61 includes a list of relatives 62 associated with the

individual. Preferably, the list 62 is arranged in a hierarchial display to graphically

show the relationship of each relative in the list 62, col. 6, lines 5-23).

As to claims 8, 20, Mindrum teaches conducting a second search for

more results similar to a search result from the user-defined search *(i.e. FIG. 5*

illustrates a graphical user interface 60 for accessing information about the

individual, which can be displayed in a multitude of situations, such as during a

funeral, at the cemetery, on-line as a tribute, obituary, or biography, etc. The

screen 61 has a variety of selection options for the user to view and access the

data. Selection options can take a variety of forms including buttons, mouse

selections, keyboard selections, menu items, touch screens, voice commands,

and the like. The screen 61 includes a list of relatives 62 associated with the

individual. Preferably, the list 62 is arranged in a hierarchial display to graphically

show the relationship of each relative in the list 62, col. 6, lines 5-23).

As per claim 9, Yap teaches the further search uses speech, facial, and

other biometric information to find matches *(i.e. Before issuing a boarding pass*

or checking luggage, the ticket agent may first verify the identity of the passenger

by making sure that the biometrics information stored on the improved security

identification document matches that of the passenger. Accordingly, the ticket

agent asks the passenger to interface with the suitable biometrics data input

device, such as a facial capture device, a palm scanner, fingerprint scanner,

retina scanner, voice pattern processor scanner or other suitable biometrics data

input device. Using the biometrics data input device and the identification

document interface device, the ticket agent checks to see if the biometrics

information stored on the improved security identification document matches

biometrics information input by the passenger to the biometrics data input device,

col. 8, lines 40-65).

As per claim 10, Mindrum teaches capturing media, biometric, and database information associated with an individual includes using a video camera to capture audio data and moving pictures of the individual *(i.e. FIG. 5 illustrates a graphical user interface 60 for accessing information about the individual, which can be displayed in a multitude of situations, such as during a funeral, at the cemetery, on-line as a tribute, obituary, or biography, etc. The screen 61 has a variety of selection options for the user to view and access the data. Selection options can take a variety of forms including buttons, mouse selections, keyboard selections, menu items, touch screens, voice commands, and the like. The screen 61 includes a list of relatives 62 associated with the individual. Preferably, the list 62 is arranged in a hierarchial display to graphically show the relationship of each relative in the list 62, col. 6, lines 5-23).*

As per claim 11, Mindrum teaches processing the media, biometric, and database information to extract, analyze and sort through digital information associated with the plurality of individuals includes analyzing the media, biometric, and database information with respect to identification factors *(i.e. chronological history and background of a life--complete with pictures, important documents, completed personal information questionnaires, audio and video clips, and other information, col. 3, lines 25-37, See Fig. 15).*

As per claim 12, Mindrum teaches processing the media, biometric, and database information to extract, analyze and sort through digital information

associated with the plurality of individuals includes comparing captured media,

biometric, and database information of a first individual with media, biometric,

and database information of a number of categorized individuals to find a best

match *(i.e. chronological history and background of a life--complete with pictures,*

important documents, completed personal information questionnaires, audio and

video clips, and other information, col. 3, lines 25-37, See Fig. 15).

       As per claim 13, Lee teaches displaying video thumbnails of video

images of the plurality of individuals on the user interface *(i.e. An illustrative*

example of a graphic user interface 1150 is shown in FIG. 8A. While the present

invention is not limited to the graphic and textual layout shown in FIG. 8A, use of

a standardized layout and format would facilitate the sharing of subjects' records

amongst different offices, agencies, or jurisdictions. Electronic storage at one site

of subjects' identification records in a format such as that shown in FIG. 8A which

is recognizable to other remotely disposed facilities greatly simplifies the

exchange of records with those facilities, col. 10, lines 8-17).

       As per claim 22, Lee teaches a presentation device wherein the multiple

factors comprises at least two of a facial image, a voice audio, or a fingerprint

(i.e. An illustrative example of a graphic user interface 1150 is shown in FIG. 8A.

While the present invention is not limited to the graphic and textual layout shown

in FIG. 8A, use of a standardized layout and format would facilitate the sharing of

subjects' records amongst different offices, agencies, or jurisdictions. Electronic

storage at one site of subjects' identification records in a format such as that

shown in FIG. 8A which is recognizable to other remotely disposed facilities

greatly simplifies the exchange of records with those facilities, col. 10, lines 8-

17).

As per claim 23, Mindrum teaches an interface device for the CPU to

communicate with a network of computers *(i.e. FIG. 5 illustrates a graphical user*

interface 60 for accessing information about the individual, which can be

displayed in a multitude of situations, such as during a funeral, at the cemetery,

on-line as a tribute, obituary, or biography, etc. The screen 61 has a variety of

selection options for the user to view and access the data. Selection options can

take a variety of forms including buttons, mouse selections, keyboard selections,

menu items, touch screens, voice commands, and the like. The screen 61

includes a list of relatives 62 associated with the individual. Preferably, the list 62

is arranged in a hierarchial display to graphically show the relationship of each

relative in the list 62, col. 6, lines 5-23).

As per claim 25, Mindrum teaches the storyboard further comprises an

abstract including intelligent portions of various captures of media, biometric, and

database information associated with the individual *(i.e. FIG. 5 illustrates a*

graphical user interface 60 for accessing information about the individual, which

can be displayed in a multitude of situations, such as during a funeral, at the

cemetery, on-line as a tribute, obituary, or biography, etc. The screen 61 has a

variety of selection options for the user to view and access the data. Selection

options can take a variety of forms including buttons, mouse selections, keyboard

selections, menu items, touch screens, voice commands, and the like. The

screen 61 includes a list of relatives 62 associated with the individual. Preferably,

the list 62 is arranged in a hierarchial display to graphically show the relationship

of each relative in the list 62, col. 6, lines 5-23).

As to claims 31, 32, 33, Yap teaches wherein the security entry point is

an entry point to a country *(i.e. Such examples of these environments and*

objects include restricted access to national and international borders, buildings,

parks, outdoor areas and access to passenger transport systems such as

airports, col. 4, lines 25-37), the database information comprises at least one of

visa or passport information, and wherein the multiple factors comprises at least

one of a name, a country of birth, a date of birth, a passport number, or a visa

type *(i.e. The improved security identification documents may preferably be in the*

form of a driver's license, passport, visa, birth certificate, security identification

card, visitor identification card, foreign worker's identification card, col. 3, line 65

to col. 4, line 24).

Response to Arguments

With respect to claims 1-2, 4, 6-14, 16, 18-23, 25, 31-33, Applicants have

amended all the claims to recite a new limitations to overcome the cited arts;

however, upon further consideration, a new ground(s) of rejection is made in

view of newly found prior art.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection

presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**.

See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as

set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire

THREE MONTHS from the mailing date of this action. In the event a first reply is

filed within TWO MONTHS of the mailing date of this final action and the advisory

action is not mailed until after the end of the THREE-MONTH shortened statutory

period, then the shortened statutory period will expire on the date the advisory

action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be

calculated from the mailing date of the advisory action. In no event, however, will

the statutory period for reply expire later than SIX MONTHS from the date of this

final action.

Any inquiry concerning this communication or earlier communications from
the examiner should be directed to Miranda Le whose telephone number is (571)
272-4112. The examiner can normally be reached on Monday through Friday
from 10:00 AM to 6:00 PM.
If attempts to reach the examiner by telephone are unsuccessful, the
examiner's supervisor, James K. Trujillo, can be reached on (571) 272-3677.
The fax number to this Art Unit is (571)-273-8300.

Any inquiry of a general nature or relating to the status of this application
should be directed to the Group receptionist whose telephone number is (571)
272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Miranda Le/
Primary Examiner, Art Unit 2169